(b) the number of fertilizer plants which are proposed to be constructed along with HBJ Pipeline and their locations; and

(c) the number of gas based power plants proposed to be constructed which will utilise the HBJ Pipeline and the locations of such power plants?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) The HBJ Pipeline is scheduled to be completed in all respects by July 1989. The first sector of the pipeline from Hazira to Bijapur has been completed and this sector is under commissioning. Work on the second sector from Bijapur to Aonla is under progress.

(b) Six fertilizer plants at Bijapur (Madhya Pradesh), Swaimadhopur (Rajasthan) and Auraiya, Aonla, Babrala and Shahjahanpur (UP) are proposed to be constructed along the HBJ Pipeline.

(c) Three gas based power plants at Kawas (Gujarat), Anta (Rajasthan) and Auraiya (UP) are proposed to be constructed along the HBJ Pipeline. Of these, Kawas is designed to run on liquid fuel apart from gas.

Oil exploration in Orissa

34. SHRI BASUDEB MOHAPATRA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether it is a fact that an attempt has been made to explore oil in Orissa; and

(b) if so, what are the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) Yes, Sir.

(b) Oil India Limited has conducted seismic and other surveys in 8558 sq. kms. in the Orissa on shore and 28,200 sq. kms in the Mahanadi and North East Coast offshore areas. In Orissa onshore, two wells have been drilled and the third is planned to be drilled shortly. Seven wells have been drilled in the Mahanadi offshore basin. In the North East Coast offshore, three wells have been drilled. No Commercial discovery of hydrocarbons has been made so far.

Production of crude oil by ONGC in Eastern Region

35. SHRI PARVATHANENI UPENDRA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) what is the present production of crude oil by the Oil and Natural Gas Commission in the eastern-region of the country;

(b) whether it is a fact that adequate refining capacity for the entire crude oil produced is not available in the eastern-region;

(c) whether it is also a fact that the pipeline capacity to carry oil in the region is inadequate and further production of oil would have to be limited to the pipeline capacity; and

(d) if so, what is the proposal to increase the pipeline capacity and refining capacity of the crude oil in the eastern-region of the country.

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) The target of production of crude oil by ONGC in the Eastern Region during 1987-88 is 2.8 million tonnes.

(b) and (c) The total capacity of the refineries at Guwahati, Bongaigaon and Barauni is 5.5 million tonnes and the capacity of the pipeline feeding these refineries is 5.2 million tonnes. In addition, the Digboi refinery has a capacity of 0.5 million tonnes along with sufficient pipeline transportation facility. This is con-

sidered sufficient to take care of the present level of production.

(d) There is a proposal for setting up a new refinery in the private sector in Assam, as agreed to under the Assam Accord. Pipeline capacity would also be suitably augmented to match the refining capacity.

Oil and Gas recovered from Cauvery Basin

36. SHRI M. VINCENT: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) what is the total quantity of oil and gas being recovered per day in the Cauvery basin as on date;

(b) whether ONGC or Madras Refineries had submitted a proposal to lay pipelines for taking oil from the Cauvery basin to Madras and for utilisation of the gas; and

(c) if not, what are the reasons for the neglect of gas and oil exploitation in the Southern parts of the country?

THE MINISTER OF STATE OF THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI BRAHM DUTT): (a) Presently oil and gas are being produced at an average rate of 36 tonnes per day and 34400 cubic meters per day respectively in Cauvery basin.

(b) and (c) Present production rate of oil does not warrant laying of a long distance pipeline. ONGC, however, have a proposal to lay a gas pipeline for transporting gas from Narimanam to Nagapattinam for supply of gas to Nagapattinam Steel Rulling Mills.

तेल की खोज

37. **श्री जगदम्बी प्रसाद यादव** : क्या पेट्रोलियम और प्राकृतिक गैस मंत्री यह बताने की कृपा करेंगे कि देश में अपतटीय और तटीय क्षेत्रों, में जहां इस समय तेल की खोज का काम चल रहा है ; वहां तेल प्राप्त करने में किस हद तक सफलता मिली है और किन-किन स्थानों में तेल की खोज तेल निकालने का काम छोड़ दिया गया है ?

पेट्रोलियम और प्राकृतिक गैस मंत्रालय के राज्य मंत्री (श्री ब्रह्मदत्त) : फिलहाल निम्नलिखित राज्यों में अन्वेषण कार्य चल रहा है :—

तट पर

1. गुजरात
2. असम
3. आन्ध्र प्रदेश
4. तमिलनाडु
5. राजस्थान
6. त्रिपुरा
7. नागालैंड
8. उत्तर प्रदेश
9. बिहार
10. मध्य प्रदेश
11. महाराष्ट्र
12. मिजोरम
13. जम्मू एण्ड कश्मीर
14. अरुणाचल प्रदेश
15. उड़ीसा
16. हिमाचल प्रदेश

अपतटीय क्षेत्र में

पूर्वी तट
पश्चिमी तट

वर्ष 1986–87 के दौरान 120 अन्वेषी कुएं खोदे गये हैं जिसमें से 50 कुएं तेलवाही साबित हुए हैं।

इस अवधि के दौरान उड़ीसा में मात्र दो तटवर्ती अन्वेषी कुओं को छोड़ दिया गया है।